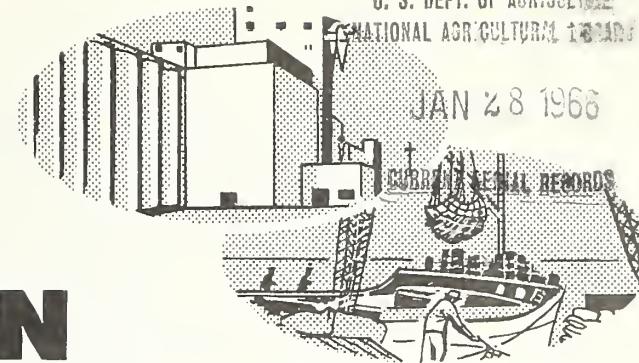


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RICE SITUATION

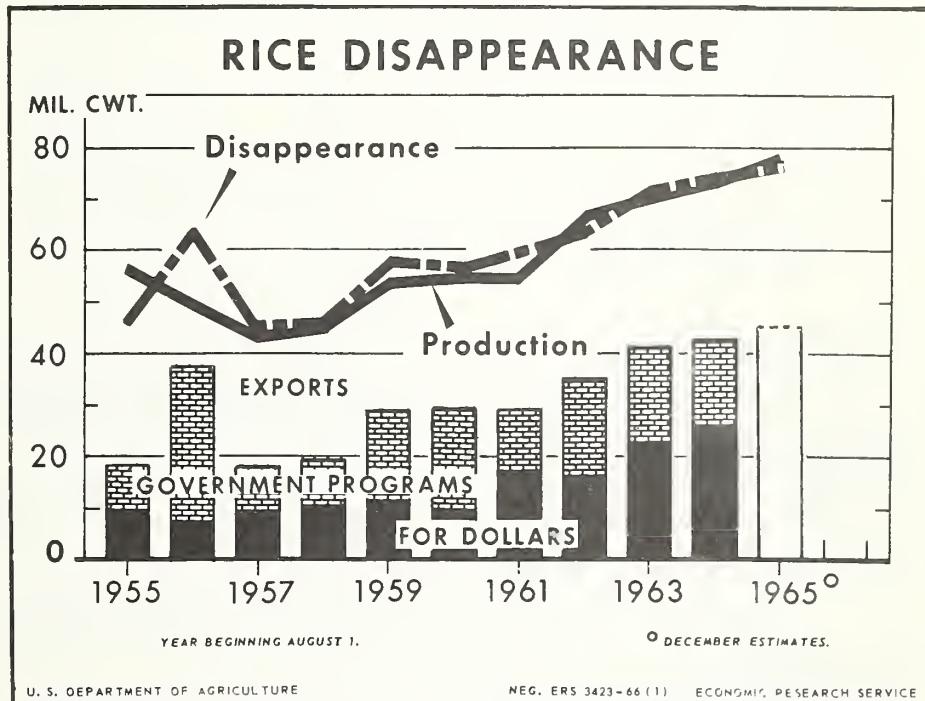
RS-10

For Release January 20, A.M.

JANUARY 1966

U.S. rice disappearance is expected to reach another high level during 1965-66. Exports are likely to increase over last year's record 42.5 million cwt. and carryover stocks on August 1, 1966 may again be small.

Commercial exports of rice from the United States in 1964-65 set another record, totaling 25.0 million cwt. Commercial sales probably will account for most of the increase in total exports in 1965-66.



IN THIS ISSUE

U. S. Exports Continue Rise Agricultural Act of 1965 Smaller World Crop Production in Latin America

Published annually by
ECONOMIC RESEARCH SERVICE • UNITED STATES DEPARTMENT OF AGRICULTURE

Table 1A.- Rice, rough equivalent: Supply and distribution and prices, United States, average 1958-62, annual 1961-65* 1/

Item	Year beginning August					
	1958-62	1961	1962	1963	1964	1965
	average	1961	1962	1963	2/	2/
	: Mil.	: Mil.	: Mil.	: Mil.	: Mil.	: Mil.
Supply	: cwt.	: cwt.	: cwt.	: cwt.	: cwt.	: cwt.
Carryover August 1	12.3	10.1	5.3	7.7	7.5	7.7
Production	54.7	54.2	66.1	70.3	73.1	76.9
Imports	.3	.4	3/	3/	.5	.4
Total supply	67.3	64.7	71.4	78.0	81.1	85.0
Domestic disappearance						
Food 4/	20.8	22.6	21.9	22.9	24.3	24.5
Seed	2.2	2.3	2.4	2.4	2.4	2.4
Industry 5/	4.7	4.7	4.1	3.8	4.3	4.2
Total	27.7	29.6	28.4	29.1	31.0	31.1
Available for export and carryover						
	39.6	35.1	43.0	48.9	50.1	53.9
Total exports 6/						
For dollars	28.5	29.2	35.1	41.4	42.5	
	(12.5)	(16.4)	(15.6)	(22.2)	(25.0)	
Total disappearance	56.2	58.8	63.5	70.5	73.5	
Carryover July 31						
Privately owned--"Free"	10.2	5.3	7.7	7.5	7.7	
	(5.7)	(5.0)	(5.9)	(6.1)	(6.6)	
Total distribution	66.4	64.1	71.2	78.0	81.2	
Difference, unaccounted 7/	+.9	+.6	+.2	---	-.1	
Price Support		Dollars per cwt.				
National average loan rate	4.54	4.71	4.71	4.71	4.71	4.50
Price received by farmers						
Season average	4.80	5.14	5.04	5.01	4.90	4.90
Farm price above support	.26	.43	.33	.30	.19	.40

1/ Data apply only to major rice-producing States. Milled rice converted to rough basis at annual extraction rate. 2/ Preliminary. 3/ Less than 50,000 cwt. 4/ Includes shipments to U. S. Territories and rice for military food use at home and abroad. 5/ Primarily for beer production. 6/ Include allowance for brown and parboiled rice beginning in 1962. 7/ Results from loss, waste, the variance in conversion factors, the lack of data on other uses, and the different crop years for the 2 rice areas.

- - - - - THE RICE SITUATION - - - - -

Approved by the Outlook and Situation Board, January 12, 1966

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SUMMARY

The U. S. rice supply and disappearance pattern of the past 3 years--that of larger U. S. production matched by rising exports--is likely to occur again in the 1965-66 marketing year (August-July). The 1965 crop totaled a record 76.9 million cwt., up nearly 4 million from a year earlier. Exports this year are expected to exceed the record 42.5 million cwt. (rough basis) in 1964-65 with those under commercial terms accounting for most of the increase. In 1964-65, commercial shipments totaled around 25 million cwt., continuing the sharp uptrend of recent years. Domestic disappearance in 1965-66 is expected to be up slightly from the 31 million cwt. a year earlier. The beginning carryover on August 1, 1965, was 7.7 million cwt., and carryover likely will continue relatively low at the end of 1965-66.

U. S. production of medium-grain rice in 1965 was down slightly from a year earlier but still accounted for nearly half of the total crop. Long-grain production was up substantially from the 1964 level. The U. S. season average price received by farmers for rice for 1965-66 was estimated in December at \$4.90 per cwt., the same as the season average for 1964-65. With the loan rate for 1965-66 at \$4.50 per cwt., prices are stronger relative to the loan than in any year since 1959-60.

The 1965-66 world rice crop, excluding Communist Asia, is expected to be around 3 percent below the 1964-65 record crop. World rice acreage and per-acre yields are above average, although below the high level of a year-earlier. Supplies available for export in Free World countries probably will not meet the volume of a year ago and world rice trade in 1966 may not be as large as in calendar 1965.

CURRENT SITUATION AND OUTLOOK

Beginning Carryover Again Small

The beginning carryover of old-crop rice on August 1, 1965, was estimated at 7.7 million cwt. (rough rice basis). Though slightly above a year earlier, this was around the low level of carryover stocks that have prevailed since 1962 (table 1). Of the total carryover on August 1, 1965, the Commodity Credit Corporation owned or controlled 1.1 million cwt., down slightly from a year earlier.

Crops Continue to Set Records

The 1965 rice crop was estimated at a record 76.9 million cwt., nearly 4 million above the previous record set in 1964 and substantially above the 1958-62 average. The increase in the 1965 crop resulted almost entirely from higher yields. Per-acre harvested yields averaged 4,291 pounds, almost 200 pounds above 1964. Average yields per acre in Louisiana and Texas were sharply above a year earlier, more than offsetting unchanged yields in Arkansas and the decline of 250 pounds per acre in California.

Medium-grain Rice Production Declines

Production of medium grain was down slightly from a year earlier. The 1965 medium-grain crop totaled about 35.9 million cwt., with Nato accounting for the largest portion--about 26.3 million. The Roses accounted for 8.8 million cwt. (table 4). Production of long-grain rice increased substantially in 1965 to 32.2 million cwt., up 4.5 million from 1964. Two varieties--Bluebonnet and Belle Patna--comprised almost all of the long-grain production, each accounting for about half of the total. Production of Pearl rice--the major short-grain variety and grown mostly in California--totaled 8.8 million cwt. in 1965. This was below recent crop years and continued the downtrend of this variety.

Total Supply Large

The August 1, 1965, carryover, along with the 1965 crop plus a small allowance for imports, provides a total 1965-66 rice supply of 85.0 million cwt., slightly above the alltime record of 84.5 million reached in 1956-57. The earlier record resulted primarily from accumulated surpluses but the

new high established this year is entirely due to the large crop. Imports of rice in 1964-65, at 0.5 million cwt., were sharply above the 4 previous years as a result of an increased demand for brewer's rice. In 1965-66, imports are likely to be above most recent years but may not reach the 1964-65 level.

Domestic Disappearance to Continue Rise

The use of rice for food in the United States during 1965-66 is expected to continue its longtime uptrend. Food use last year was 24.3 million cwt. (table 1A). This included shipments to U. S. Territories and purchases for military food use at home and abroad. The increasing disappearance of rice for food in the United States is resulting from rising population as well as rising per capita consumption. New rice products and the greater use of rice by the breakfast cereal industry are contributing factors. Supply and distribution of milled rice are shown in table 2.

Use of rice for brewing in 1965-66 is estimated at 4.2 million cwt. This is down slightly from the 4.3 million of last year but still above that of earlier years.

With the 1966 acreage allotment set at the same level as in effect since 1962--1.8 million acres--seed use in 1965-66 is estimated at 2.4 million cwt., same as for the past 3 years.

Based on the preceding estimates, total domestic disappearance of rice in 1965-66 is expected to be about 31.1 million cwt. This would be only slightly above that of 1964-65, but substantially above the 1958-62 average of 27.7 million cwt. (table 1A).

Exports to Set Record High

U. S. rice exports in 1965-66 are currently expected to exceed the record 42.5 million cwt. (rough basis) of 1964-65. The most significant feature about the continuing rise in exports is that sales for dollars continue to grow at a rapid rate. Exports for dollars in 1964-65 totaled 25.0 million cwt., twice as large as the average dollar exports during 1958-62. In 1965-66, dollar exports likely will again be up. Total registrations for export from August 1 to December 27 were 20.2 million cwt., up nearly 5 million from a year earlier. Registrations for dollar exports totaled 14.7 million cwt., nearly 9 million above the same period in 1964. In 1964-65, shipments under Government-financed programs (P.L. 480) totaled 17.5 million cwt. compared with 19.2 million a year earlier. Total exports and exports for dollars, in rough rice equivalent, August-July years, are shown in table 1. Fiscal year exports of milled rice (milled rice basis) by type of program or sale are shown in table 17.

India has been the largest individual recipient of P.L. 480 rice for several years. This year, however, an increased amount is being shipped under the Food-for-Peace Program to South Vietnam. South Vietnam is normally a rice exporter but, because of continuing hostilities, is unable to export rice or even move it to consuming areas within the country.

Exports Decline to Many Destinations

U. S. milled rice exports in 1964-65 declined to all continents except Asia. Exports increased to Asia, largely due to a sharp increase in exports to the Philippines and Japan. The Philippines received 1.8 million cwt. of milled rice in the August-July 1964-65 year, all under P.L. 480, over 3 times as much as in the preceding year. Japan purchased 4.9 million cwt., over twice as much as a year earlier, and was the largest U. S. individual dollar market. Both of these countries imported only negligible quantities of rice from the United States prior to the 1963-64 marketing year (table 16).

Exports to the Western Hemisphere and Africa in 1964-65 declined only slightly from year-earlier levels. However, exports to Europe, totaling 3.3 million cwt., were sharply below the 5.1 million cwt. of 1963-64. Half of this decline resulted from the loss of the Soviet Union as a rice market. That nation had purchased 1.2 million cwt. in 1963-64. Other nations taking less U. S. rice in 1964-65 were 4 of the Common Market Countries--West Germany, The Netherlands, Belgium and Luxembourg. France sharply increased its takings from a year earlier.

Brown and Parboiled Exports Up Again

Of the 25.5 million cwt. of milled rice inspected for export from the South during 1964-65, about 3.8 million was parboiled and 2.8 million was brown rice. The remaining 18.9 million cwt. was milled rice. Increased shipments of both parboiled and brown rice in 1964-65 represented a continuation of a trend underway in recent years. The major takers of parboiled rice last year were Lebanon, Saudi Arabia, Republic of South Africa, and India. The Republic of South Africa was the largest individual buyer of parboiled rice, taking slightly over a million cwt. Major buyers of brown rice were Canada, West Germany, and Israel.

Prices at Year-Earlier Levels

The national average price support loan for 1965-crop rough rice is \$4.50 per cwt., 21 cents below that in effect for the preceding 4 crop years. Despite the lower support, prices received by farmers for rough rice during August-December 1965 averaged about the same as in those same months a year earlier. The season average price for 1965-66 was estimated in December at \$4.90 per cwt., the same as the season average a year earlier. These average prices include an allowance for unredeemed loans valued at the average loan rate, by States.

Prices of milled rice at Southern mills during August-December 1965 were generally below those of the same period a year earlier (table 10). The prices of No. 2 milled Nato and No. 2 milled Bluebonnet were down a few cents per cwt. The price of No. 2 milled Belle Patna was off somewhat more than Nato and Bluebonnet from year-earlier levels.

FOOD AND AGRICULTURE ACT OF 1965

The Food and Agriculture Act of 1965 includes provisions for rice designed to maintain income of rice growers and at the same time to keep production in line with requirements. Basically the new legislation continues the program in effect for the 1965 crop with 1 major difference; acreage diversion provision.

If the national acreage allotment of rice for 1966, 1967, 1968, or 1969 is less than for 1965 (1,818,638 acres), the Secretary of Agriculture must institute acreage diversion payments to maintain net income of rice growers. If it becomes necessary to reduce acreage below present levels, the Secretary may permit all or part of the diverted acreage on a farm to be devoted to the production of 1 or more specified minor crops, subject to certain conditions. Diversion payment rates on this acreage will be adjusted at a rate determined to be fair and reasonable. A 50-percent advance payment may be made to the farmer prior to the determination of his performance.

Value factors to be used in determining support prices for the classes and varieties of the 1966 and 1967 crops cannot be reduced below those used for the 1965 program. Upward adjustments are allowed but the differences between the value factors for the various varieties or groups of varieties cannot be greater than the differences in the factors for the 1965 crop. In effect, the various types and varieties of rice may not be supported below 1965-crop support prices.

THE PROGRAM FOR 1966-67

Expanded Acreage Allotment Continued

The national acreage allotment for the 1966 crop is 1,818,638 acres, identical to the 1965 allotment (table 14). It is about 10 percent larger than the minimum acreage allotment of 1,652,596 acres, provided by law. The minimum allotment was last used for the 1961 crop.

The national average support price for the 1966 crop had not been announced by the time this report was approved.

Marketing quotas were proclaimed for the 1966 crop and producers approved them by a 92.1 percent affirmative vote in a referendum held on November 23, 1965. Rice marketing quotas have been in effect for the past 11 crop years--1955-65.

Farm marketing quotas for individual farms staying within their allotments will be the actual production on the allotments. Growers who exceed their farm acreage allotments will be subject to marketing quota penalties and none of their production will be eligible for price support. The penalty on excess production will be 65 percent of the parity price for rice as of June 15, 1966.

If marketing quotas had not been approved, there would have been no restrictions on rice marketings but acreage allotments would have remained in effect as a condition of eligibility for price support which would have been established at 50 percent of the parity level.

Basis for Quotas

Under provisions of law, the Secretary of Agriculture is required to proclaim, no later than December 31, marketing quotas for the crop of rice produced in the next calendar year whenever he determines that the total supply of rice for the marketing year, beginning in the current calendar year, will exceed the normal supply. The total supply of rice for the 1965-66 marketing year was estimated at 83.5 million cwt., based on data available in October. This compares to a normal supply of 81.6 million. Thus, the total supply, as computed, was 102.3 percent of normal supply, or 2.3 percent above the marketing quota level.

Basis for Acreage Allotment

For acreage allotment computation, the normal supply of rice for the marketing year beginning August 1, 1966, was estimated at 79.1 million cwt. This computation was also based on data available in late October. The 1966 national acreage allotment, less a national reserve of 672 acres, has been apportioned, as provided by law, among the 13 rice-producing States in the same proportion as they shared in 1965.

WORLD SITUATION

World Crop Down; Asian Production Off

The 1965-66 world rice crop, excluding that produced in Communist Asia, is forecast at 164.3 million metric tons of rough rice, 3 percent below last year's record crop and down slightly from 1963-64 production (table 19).

In Asia where 88 percent of the non-communist world's rice is grown, production is estimated at 143.4 million tons, 4.8 million below last year's record. Record crops are forecast for Africa, the United States, and Australia. Mainland China is also anticipating a larger 1965 rice crop.

World rice acreage for 1965-66, excluding that in Communist areas, is expected to be down from the 229.3 million acres of last year. Per-acre yields are above average but less than the high yields of last year when conditions in many areas were unusually favorable (table 21).

With a 3 percent decline in Asian rice production in 1965-66, exports from the countries of Asia may be somewhat smaller than a year earlier.

In 1964, Thailand replaced Burma as the world's leading exporter of rice. Thailand's exports during 1965 may have been off somewhat from the record 1.9-million-ton level of 1964. Production in 1965-66 is estimated at about the same level as a year earlier but still below the 1963-64 harvest of 10.2 million. The continued increase in acreage was about offset by this year's slightly lower yields.

Rice production in Burma in 1965-66 is expected to be up from last year's level and should about equal the 8.2 million tons of 1963-64. Expansion in both acreage and yields have been responsible for the recent increases in production.

South Vietnam's crop is expected to be down from 1964-65. Distribution and marketing have been hindered by the war, and rice exports have been virtually eliminated. As of December 31, 1965, the United States had supplied South Vietnam with 250,000 tons of rice since the beginning of the U. S. marketing year. Cambodia is forecasting another good crop in 1965-66 and, on this basis, exports likely will be maintained at around the 500,000-ton level of 1964.

China Production

Estimates of Mainland China's production are not included in the world total because of unreliability of available data. It is thought that China--the world's leading rice producer--has a larger crop than in 1964-65 as a result of increased yields. Production in recent years has been around 80 million tons. China will probably continue its policy of exporting rice and importing wheat.

Other Exporters

Have Large Supplies

Larger crops in 1965-66 are estimated for other exporting countries--the United States, the U.A.R., and Australia. As a result of the Government's continued drive to increase rice acreage and yields, the 1965 U.A.R. rice crop is estimated at a record 2.3 million tons. Thus, additional quantities of rice should be available for export. Australia expects to increase acreage again and a record crop is forecast for the April-May 1966 harvest. Italy's 1965 rice crop is estimated at 550,000 tons, down 11 percent from last year.

Heavy Demand by Asian Importers

Demand for imported rice will be strong in the rice deficit areas of Asia, although imports during 1965-66 may not reach the high level of last year.

Indonesia's 1965-66 rice crop will be considerably below the bumper crop of a year earlier. The Government's recent policy of emphasizing rice production and encouraging substitution of other foods for rice is not expected to change the uptrend in imports.

India's 1965-66 crop is forecast at 54 million tons, down from last year's record harvest. Food shortages are expected to continue India's need for large imports of rice. In the past, the United States and Burma have been the principal suppliers of rice to India, with most of the imports from the United States moving under Title I of P.L. 480.

Japan's 1965 rice crop is estimated at nearly 15.5 million metric tons, down slightly from a year earlier. Imports of rice from all sources during 1965-66 will at least match the 879,000 tons of 1964-65, making Japan the world's largest importer of rice under commercial terms. Taiwan, Mainland China, and the United States likely will be the principal suppliers.

Based on increased acreage and yields, the Philippines are expected to have another large crop. However, increasing domestic consumption probably will require a continuation of imports. Imports in 1966 could be above last year's 300,000 tons. Principal suppliers will likely be Thailand, Burma, and Cambodia.

Although good crops are expected in most of the world's exporting countries, it is doubtful that the surplus available for export in Free World countries, after meeting domestic requirements, will reach the volume of 1965.

RICE PRODUCTION IN LATIN AMERICA 1/

Rice has become an important crop in Latin America. But in recent years, production increases have been limited to a few countries. This region ranks second only to the Far East in rice output. The annual 5 percent increase in production is double the percentage increase in world production and the greatest percentage increase of all regions, including the Far East.

A number of factors contribute to this increase in rice production: The availability and development of land that is suited to rice, introduction of farm price support systems, import restrictions on rice, improvements in communication which has increased market accessibility, and an increase in domestic demand. Consumers have been shifting away from the more traditional foods of beans and cassava. Food habits have changed as living standards rise and people leave the farm. As a result, the entire expansion in rice supplies

1/ Adapted from Food and Agriculture Organization, Rice Report 1965.

has been absorbed domestically. With the exception of Cuba--an importer--and those countries who regularly export rice, such as British Guiana, the principal goal of the rice producers in Latin America has been to meet this increase in domestic utilization.

The increase in production has come about chiefly through an expansion in acreage. Yields are generally comparable with those of Southeast Asia, but below the high yields found in Europe and the United States. However, an increase in irrigation and development of disease-resistant varieties could raise yields and further increase production.

Brazil, where two-thirds of Latin America's rice crop is grown, is the most important producer and has shown the greatest increase in rice production over the past 15 years. Acreage has about doubled since the 4.6 million acres in 1951-52, as a result of newly developed lands and the switching of land to rice from other crops. Yields have increased but at a rate of only around 1 percent per year over this period.

Due to increases in both acreage and yields, Mexico is now one of the important producers in the region. The 1965-66 estimated production of 260,000 metric tons from 300,000 acres is down slightly from the 2 preceding years but still above average.

British Guiana's increase in production is due entirely to an expansion in acreage. With the doubling of acreage, yields have declined from the levels of earlier years. Cuba and Peru are the largest rice producers among the importing countries. In Cuba, production has been adversely affected by plant diseases and hurricane damage. As the result of official encouragement, rice land is now being diverted to sugar and livestock.

Peru normally imports only small amounts of rice. Surpluses in 1959-61 were followed by a sharp drop in output, due primarily to bad weather. The introduction of "fallback" prices in 1962 and emphasis on rice in fertilizer distribution schemes has brought a recovery in rice production. However, Peru imported large amounts of rice from the United States during 1963-64 and 1964-65.

Rice acreage in Colombia, the second largest Latin American producer, has increased substantially during the past decade. The increase in acreage has been at the expense of wheat, beans, and maize. In contrast with some other Latin American countries, yields have trended upward along with the expansion of acreage. Colombia usually is self-sufficient in rice production, although depending on weather conditions in any individual year they may require imports or have a surplus available for export.

:		:
:	The <u>Rice Situation</u> is published annually.	:
:		:
:	The next issue is scheduled for release	:
:	January 1967.	:
:		:

Table 1B.- Rice, rough equivalent: Supply and distribution and prices, United States, 1951-60* 1/

Item	Year beginning August					
	Mil. cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.
Supply						
Carryover August 1	1951 : 1952 : 1953 : 1954 : 1955 : 1956 : 1957 : 1958 : 1959 : 1960					
Production						
Imports						
Total supply	51.1	50.6	54.7	71.8	82.8	84.5
Domestic disappearance						
Food 4/	16.8	17.7	17.3	18.7	19.1	19.2
Seed	2.3	2.6	3.1	2.2	2.0	1.7
Industry 5/	4.7	4.6	4.6	5.6	6.0	5.1
Total	23.8	24.9	25.0	26.5	27.1	26.0
Exports 6/ For dollars	24.1	25.1	22.7	14.3	18.7	37.6
	(19.0)	(22.0)	(20.8)	(13.6)	(9.6)	(6.8)
Total disappearance	47.9	50.0	47.7	40.8	45.8	63.6
Carryover July 31 Privately owned--"Free"	2.0	1.5	7.5	26.7	34.6	20.1
	(1.8)	(1.5)	(6.3)	(8.3)	(7.2)	(7.5)
Total distribution	49.9	51.5	55.2	67.5	80.4	83.7
Difference, unaccounted 7/	+1.2	-9	-5	+4.3	+2.4	+.8
Price Support						
National average loan rate	5.00	5.04	4.84	4.92	4.66	4.57
Price received by farmers Season average	4.82	5.87	5.19	4.57	4.81	4.86
Farm price above support	-.18	.83	.35	-.35	.15	.29
						----- Dollars per cwt. -----

*Later years, 1961-65, in table 1A, page 2.

See table 1A for footnotes.

Table 2.- Rice, milled: Supply and distribution, United States, 1956-64

Year	Supply					Distribution						
	Begin- ning stocks	Mill pro- duction	Im- ports	Total	Ending stocks 1/	Used by brew- eries	Ex- ports	Ship- ments to Terri- tories 2/	Mili- tary takings	Civilian consumption	Per capita 3/	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Pounds	
1956	11,338	35,107	268	46,713	3,983	3,549	25,637	3,871	80	9,593	5.7	
1957	3,983	30,523	164	34,670	5,343	3,348	12,754	3,960	135	9,130	5.4	
1958	5,343	30,439	114	35,896	5,990	3,278	13,528	4,231	183	8,686	5.0	
	Beginning 50-State Basis											
1959	5,990	34,896	550	41,436	3,052	3,488	20,327	3,630	90	4/10,849	4/6.1	
1960	3,052	36,928	203	40,183	1,943	3,482	20,643	2,835	127	11,153	6.2	
1961	1,943	39,688	274	41,905	1,572	3,361	20,835	2,551	160	13,426	7.4	
1962	1,572	43,276	27	44,875	1,478	2,911	25,190	2,970	117	12,209	6.6	
1963	1,478	49,146	13	50,637	1,692	2,767	30,020	2,798	112	13,248	7.0	
1964	1,692	51,041	338	53,071	1,995	3,137	30,489	2,820	115	14,515	7.6	

1/ Stocks at mills, warehouses and ports in major rice-producing States, only. Do not include stocks held by distributors, packagers, food processors or brewers in any State.

2/ For military use at home and abroad.

3/ Derived by dividing total civilian consumption by estimates of population eating from civilian food supplies.

4/ Beginning with the 1959-60 year, shipments do not include quantities to the States of Hawaii and Alaska, thereby allowing these quantities to fall into domestic use for food. Population including these 2 States was used to compute per capita figures.

Table 3.- Rice, milled: U. S. disappearance as food, 1956-64

Year	Civilian use 2/					Military 3/					Total	
	U.S.D.A. Donations					Territor- ial use ment						
begin- ning stocks	Institu- tions	Needy	Total	Commer- cial	Total							
1/	:	:	:	:	:	:	:	:	:	:	:	
1956	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	
1957	219	108	476	803	8,790	9,593	3,871	80	13,544			
1958	198	87	563	848	8,282	9,130	3,960	135	13,225			
	Beginning 50-State Basis											
1959	212	93	695	1,000	9,849	10,849	3,630	90	14,569			
1960	219	84	864	1,167	9,986	11,153	2,835	127	14,115			
1961	222	81	1,110	1,413	12,013	13,426	2,551	160	16,137			
1962	219	74	943	1,236	10,973	12,209	2,970	117	15,296			
1963	250	89	1,016	1,355	11,893	13,248	2,798	112	16,158			
1964	256	97	951	1,304	13,211	14,515	2,820	115	17,450			

1/ U.S.D.A. donations are on a year beginning July.

2/ Rice consumed by continental U. S. civilians, including that consumed by the military eating from civilian food supplies.

3/ Procured by the military for military use at home and abroad.

Table 4.- Rice, rough: Estimated production, by type of grain and principal variety, 1959-65 1/

Type and variety	1959	1960	1961	1962	1963	1964	1965
	1,000 cwt.						
<u>Long grain:</u>							
Bluebonnet	17,459	18,365	18,290	19,397	16,893	15,214	16,117
Belle Patna	---	---	113	4,730	6,809	11,578	14,625
Toro	1,159	1,266	959	881	499	475	600
Rexoro Patna	2,218	2,756	2,284	1,992	1,012	183	562
Century Patna	5,526	3,570	2,642	1,447	604	205	200
Bluebeille	---	---	---	---	---	---	69
Vegold	---	---	---	---	---	44	38
Total	26,362	25,957	24,288	28,447	25,817	27,699	32,211
<u>Medium grain:</u>							
Nato	10,127	12,521	14,685	20,744	27,510	26,543	26,342
Roses	2,004	5,117	5,499	6,620	6,662	8,982	8,770
Nova	---	---	---	---	35	768	400
Saturn	---	---	---	---	---	22	369
Zenith	2,759	1,135	447	200	56	22	31
Magnolia	509	343	157	5	---	---	---
Total	15,399	19,116	20,788	27,569	34,263	36,337	35,912
<u>Short grain</u>							
Total U. S. production	53,647	54,591	54,198	66,045	70,269	73,142	76,932

1/ Percentage distribution by varieties, based on reports of the Rice Millers Association, was applied to total production in major rice-producing States, as reported by the Crop Reporting Board.

2/ Preliminary.

Table 5 .- Rice: Acreage, yield and production, by States, 1964 and 1965

State	Acreage				Yield per harvested acre		Production	
	Planted		Harvested		1964	1/	1965	1964
	1964	1965	1964	1965				
Southern States:	1,000	1,000	1,000	1,000			1,000	1,000
Missouri	acres	acres	acres	acres	Pounds	Pounds	cwt.	cwt.
Mississippi	4.8	4.8	4.6	4.7	4,300	4,500	198	212
Arkansas	50	51	49	50	3,750	3,700	1,838	1,850
Louisiana	434	438	430	434	4,300	4,300	18,490	18,662
Texas	515	517	513	515	3,300	3,650	16,929	18,798
Total Southern	464	464	462	462	4,150	4,700	19,173	21,714
California	1,467.8	1,474.8	1,458.6	1,465.7	3,882	4,178	56,628	61,236
Total Major 2/	329	329	327	327	5,050	4,800	16,514	15,696
Minor States 3/	1,796.8	1,803.8	1,785.6	1,792.7	4,096	4,291	73,142	76,932
Total U. S.	2	2	.8	.8	---	---	27	27
	1,798.8	1,805.8	1,786.4	1,793.5	4,096	4,291	73,169	76,959

1/ Preliminary.

2/ Total U. S. production reported by the Statistical Reporting Service.

3/ Estimated; States in the South producing small quantities of rice.

Table 6 .- Rice, rough: Acreage, yield and production; Southern States, California and United States, 1950-65

Crop year	Harvested acreage				Average yield per harvested acre				Production		
	Southern States 1/	California	United States 1/	Southern States 1/	California	United States 1/	Southern States 1/	California	United States 1/		
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.		
1950	1,401	238	1,639	2,182	3,475	2,370	30,570	8,270	38,840		
1951	1,673	324	1,997	2,118	3,300	2,310	35,430	10,692	46,122		
1952	1,666	337	2,003	2,195	3,475	2,411	36,567	11,711	48,278		
1953	1,740	425	2,165	2,333	2,900	2,445	40,599	12,325	52,924		
1954	2,078	477	2,555	2,507	2,550	2,515	52,090	12,164	64,254		
1955	1,501	329	1,830	2,973	3,450	3,058	44,619	11,350	55,969		
1956	1,285	286	1,571	2,918	4,200	3,151	37,491	12,012	49,503		
1957	1,115	226	1,341	2,981	4,300	3,203	33,236	9,718	42,954		
1958	1,166	249	1,415	2,890	4,450	3,164	33,695	11,080	44,775		
1959	1,302	285	1,587	3,104	4,650	3,382	40,417	13,252	53,669		
1960	1,308	288	1,596	3,125	4,775	3,422	40,871	13,752	54,623		
1961	1,300	290	1,590	3,101	4,800	3,411	40,301	13,920	54,221		
1962	1,451	323	1,774	3,452	4,950	3,724	50,084	15,988	66,072		
1963	1,448	324	1,772	3,887	4,325	3,967	56,283	14,013	70,296		
1964	1,459	327	1,786	3,882	5,050	4,096	56,655	16,514	73,169		
1965 2/	1,467	327	1,794	4,177	4,800	4,291	61,263	15,696	76,959		

1/ Southern States consist of Texas, Louisiana, Arkansas, Mississippi and Missouri; reported by SRS. Include acreage and production in minor States. Also used to compute yields.

2/ Preliminary.

Table 7.- Rice, rough equivalent: Support rates with comparisons, quantity pledged and delivered to Commodity Credit Corporation, stocks owned by CCC, and loans outstanding, 1948-65

Crop of-	National	Season average price ^{1/}	Placed under price support	At year end July 31	Privately held ("free") stocks
	average support	per cwt. received by farmers 1/	Delivered to CCC	CCC stocks and loans outstanding	
	rate per cwt.	Actual support	Total to CCC	Total stocks owned by CCC	
	Dol.	Dol.	1,000 cwt.	1,000 cwt.	
1948	4.08	4.88	.80 153	3,565 3,718 611 2,505 11 1 12	2,493
1949	3.96	4.10	.14 1,865	6,282 8,147 3,043 3,469 459 218 677 2,792	
1950	4.56	5.09	.53 217	575 792 26 4,519 378 17 395 4,124	
1951	5.00	4.82	-.18 4,008	1,843 5,851 518 2,040 226 1 227 1,813	
1952	5.04	5.87	.83 209	--- 209 1,515 2 6 8 1,507	
1953	4.84	5.19	.35 1,808	2,666 4,474 3,170 7,546 917 283 1,200 6,346	
1954	4.92	4.57	-.35 17,552	12,923 30,475 25,141 26,700 15,856 2,589 18,445 8,255	
1955	4.66	4.81	.15 15,557	10,703 26,260 23,475 34,618 27,062 312 27,374 7,244	
1956	4.57	4.86	.29 13,304	10,423 23,727 16,771 20,103 12,507 48 12,555 7,548	
1957	4.72	5.11	.39 6,977	6,590 13,567 11,007 18,169 12,003 9 12,012 6,157	
1958	4.48	4.68	.20 8,306	3,280 11,586 6,575 15,669 9,421 34 9,455 6,214	
1959	4.38	4.59	.21 9,369	2,935 12,304 7,034 12,144 6,864 3 6,867 5,277	
1960	4.42	4.55	.13 7,825	5,280 13,105 4,876 10,080 4,124 8 4,132 5,948	
1961	4.71	5.14	.43 4,292	2,081 6,373 34 5,334 319 --- 319 5,015	
1962	4.71	5.04	.33 5,602	6,622 12,224 1,841 7,730 1,852 8 1,860 5,870	
1963	4.71	5.01	.30 5,884	4,139 10,023 771 7,539 1,435 --- 1,435 6,104	
1964	4.71	4.90	.19 7,629	--- 7,629 785 7,677 1,041 2/ 3 1,044 6,633	
1965 3/	4.50	4.90	.40 4,369	--- 4,369	
:	:	:	:	:	
:	:	:	:	:	

^{1/} U. S. season average prices are the result of weighting State season averages, including allowances for unredeemed loans at the average rate, by estimated marketings. ^{2/} For example, there were 3,000 cwt. of 1964-crop rice under loan on July 31, 1965. ^{3/} Preliminary. ^{4/} Through November 30, 1965.

Table 8.- Rice: Average price received by farmers, United States, and average wholesale price at New Orleans and San Francisco, 1959-65

Year beginning	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
	Dol.												
Price per 100 pounds received by farmers for rough rice 1/													
1959	4.54	4.52	4.73	4.71	4.71	4.79	4.86	4.83	4.76	4.70	4.71	4.71	4.59
1960	4.30	4.31	4.62	4.98	4.83	4.93	4.95	5.13	4.93	4.77	4.87	4.86	4.55
1961	4.71	4.91	5.20	5.39	5.30	5.39	5.48	5.70	5.60	5.48	5.26	5.08	5.14
1962	4.68	4.73	5.12	5.19	5.19	5.28	5.18	5.21	5.18	5.05	5.08	5.14	5.04
1963	4.97	4.94	5.01	5.03	4.96	5.08	5.14	5.17	5.25	5.20	5.10	5.03	5.01
1964 2/	4.82	4.72	4.88	4.98	5.01	5.16	5.11	5.23	5.17	4.99	4.98	4.94	4.90
1965 2/	4.81	4.68	4.92	4.93	5.10								4.90
Wholesale price per 100 pounds (bagged) of milled Nato, U.S. No. 2 at New Orleans, f.o.b. mills 3/ 4/													
1959	8.60	8.15	8.10	8.15	8.25	8.25	8.25	8.35	8.35	8.30	8.15	8.25	
1960	7.85	7.55	7.65	7.90	8.10	8.25	8.30	8.45	8.50	8.60	8.70	8.65	8.20
1961	8.35	8.55	8.85	9.00	9.25	9.55	9.75	9.75	9.75	9.75	9.75	9.60	9.30
1962	8.90	8.70	8.90	9.15	9.50	9.75	9.75	9.75	9.50	9.50	9.50	9.50	9.35
1963	9.05	8.70	8.75	8.75	8.75	8.75	8.75	8.75	8.75	8.75	8.75	8.75	8.75
1964	8.65	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.35	8.35	8.35	8.35	8.30
1965	8.25	8.05	8.10	8.15	8.15								
Wholesale price per 100 pounds (bagged) of milled California Pearl, U.S. No. 1 at San Francisco, docks basis 3/													
1959	8.25	8.25	8.25	8.50	8.50	8.70	8.75	8.75	8.75	8.75	8.75	8.75	8.55
1960	8.75	8.75	8.75	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	8.95
1961	9.25	9.25	9.25	9.50	9.50	9.65	9.75	9.75	9.75	9.75	9.75	9.75	9.60
1962	9.75	9.75	9.75	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.95
1963	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.95	9.90	10.00
1964	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90	9.90
1965	9.90	9.90	9.90										

^{1/} Monthly State prices are weighted by estimated sales for the month. U.S. marketing-year prices are the result of weighting State season average prices, including an allowance for unredeemed loans, by estimated marketings. ^{2/} Preliminary. ^{3/} Data from Grain Division, C&MS. ^{4/} Includes Zenith and Magnolia; mostly Nato.

Table 9.- Rice, rough: Price per 100 pounds received by farmers, by States, 1959-65 1/

1/ Monthly State prices are weighted by estimated sales for the month.

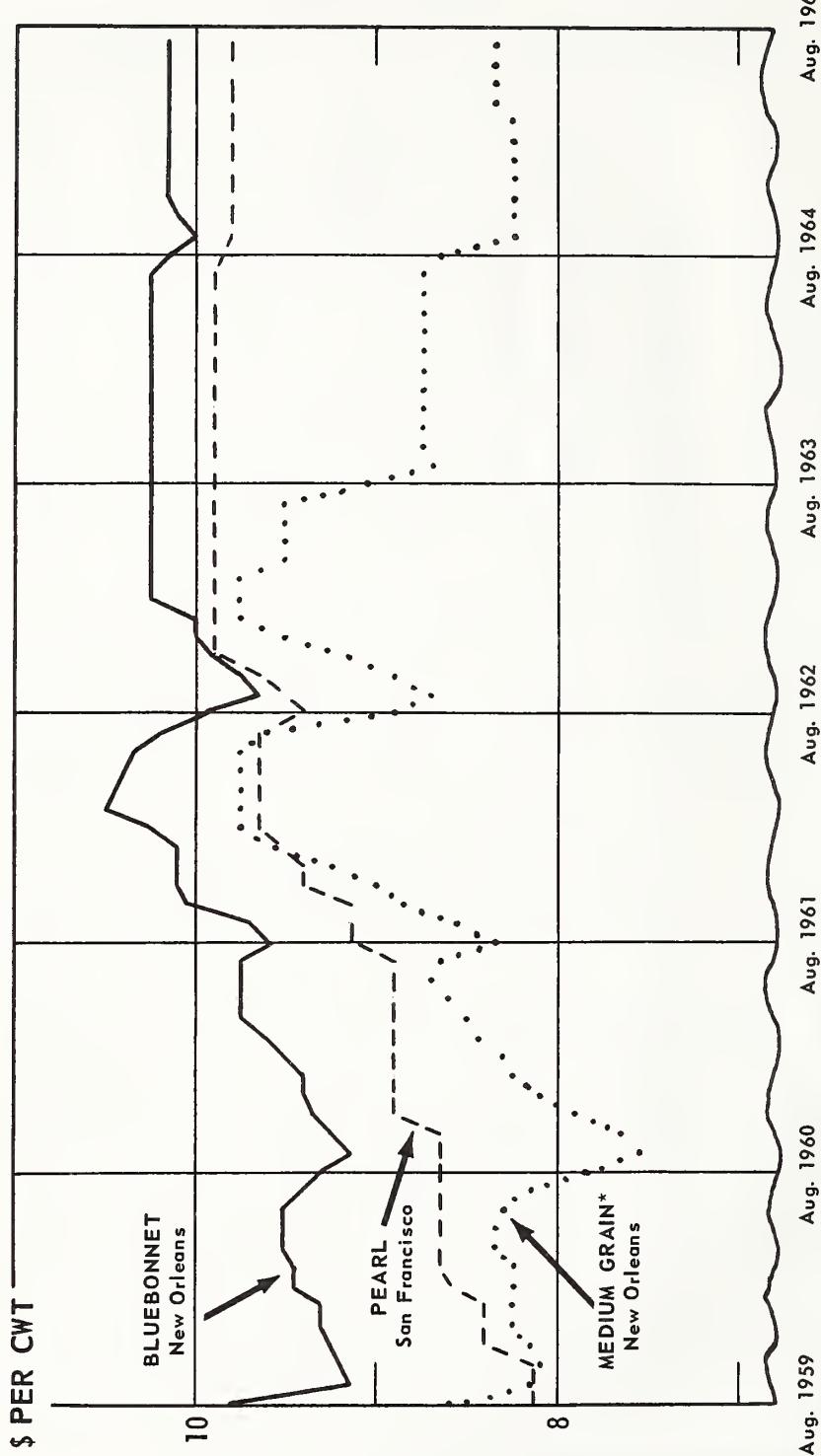
2/ Include allowances for unredeemed loan and pur. agreement deliveries valued at the average rate.

3/ Preliminary.

4/ Excludes sales through cooperatives and any adjustment on open contracts.

Note: United States prices are shown in table 8.

U.S. NO. 2 MILLED RICE PRICES
1959-64 CROPS



* Mostly Nato.

Table 10.- Rice, milled No. 2: Average price per 100 pounds of leading Southern varieties at milling centers, bagged, f.o.b. mills, August-December 1963-65

Variety and period	Southwest Louisiana			Houston, Texas			Stuttgart, Arkansas		
	1963	1964	1965	1963	1964	1965	1963	1964	1965
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
	:	:	:	:	:	:	:	:	:
Bluebonnet 1/									
August	10.10	10.05	9.90	10.15	10.15	10.05	9.90	10.05	10.10
September	10.10	9.85	9.70	10.15	10.05	9.65	9.95	9.90	9.85
October	10.05	9.90	9.90	10.15	10.05	9.80	9.90	9.90	9.80
November	10.00	9.90	9.90	10.15	10.15	10.00	9.90	9.90	9.80
December	10.05	9.90	9.90	10.15	10.15	10.00	9.90	9.90	9.80
Average Aug.-Dec.	10.05	9.90	9.85	10.15	10.10	9.90	9.90	9.95	9.85
Annual average	10.10	9.90		10.30	10.15		10.05	10.00	
Belle Patna 1/									
August	9.60	9.65	---	9.65	9.75	9.65	---	---	---
September	9.70	9.65	9.10	9.70	9.70	9.50	---	---	---
October	9.70	9.65	---	9.75	9.90	9.60	---	---	---
November	9.65	---	---	9.80	10.00	9.70	---	---	---
December	9.70	---	---	9.90	10.00	9.75	---	---	---
Average Aug.-Dec.	9.65	9.65	9.10	9.75	9.90	9.65	---	---	---
Annual average	9.65	9.65		10.00	10.00		---	---	---
Nato 2/									
August	8.80	8.55	8.40	8.80	8.25	8.15	8.80	8.40	8.40
September	8.75	8.10	8.10	8.70	8.25	8.00	8.65	8.05	7.90
October	8.55	8.00	7.95	8.65	8.25	8.05	8.45	7.95	7.90
November	8.45	8.05	7.95	8.65	8.30	8.10	8.40	7.95	7.90
December	8.55	8.20	7.95	8.65	8.40	8.00	8.40	7.95	8.00
Average Aug.-Dec.	8.60	8.20	8.05	8.70	8.30	8.05	8.55	8.10	8.00
Annual average	8.75	8.30		8.80	8.35		8.55	8.20	

1/ Long-grain varieties. 2/ Quoted as medium grain, mostly Nato.

Consumer and Marketing Service, Grain Division

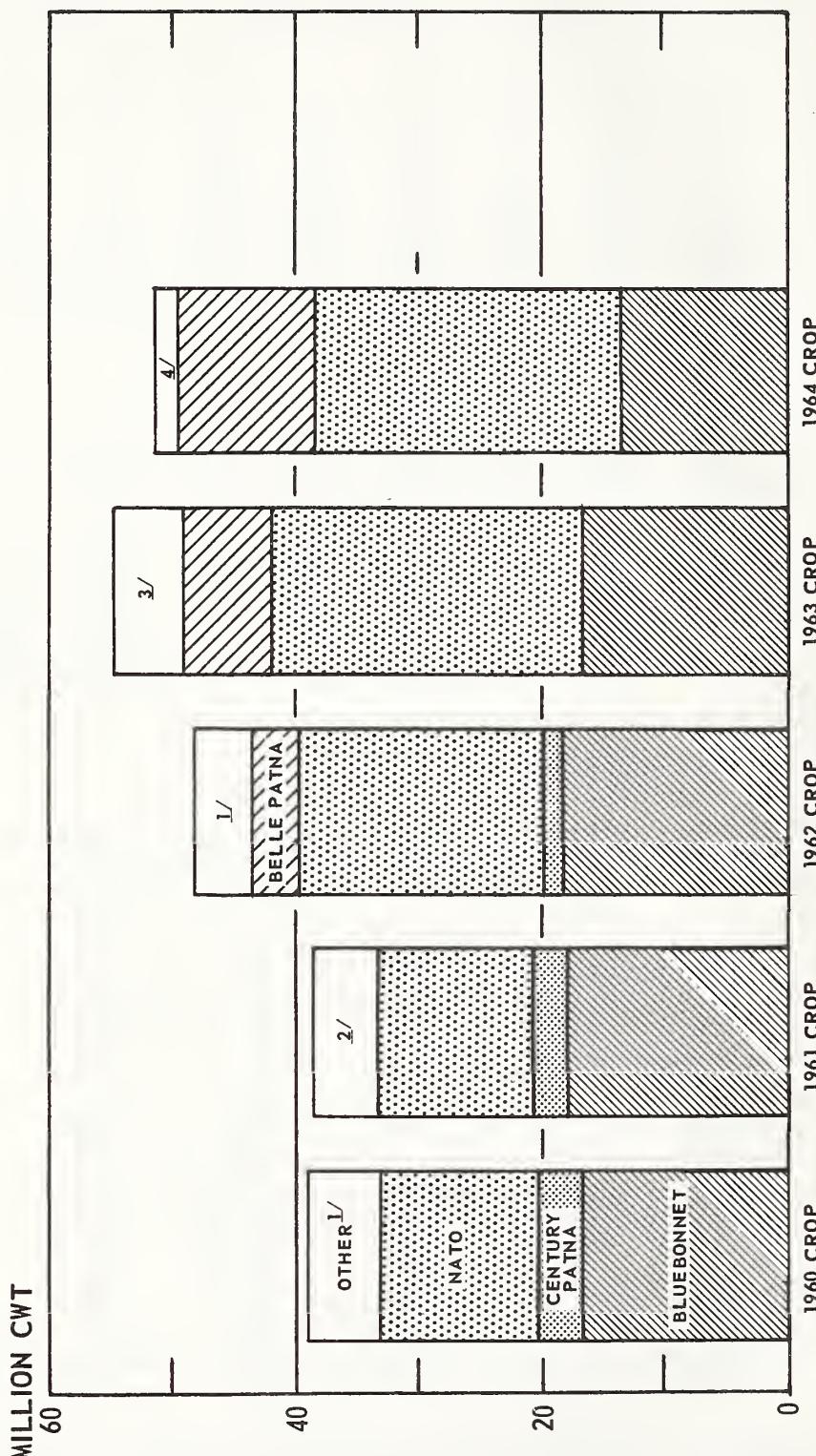
Table 11.- Rice, rough: Average price per 100 pounds of leading Southern varieties, f.o.b. mills and driers, Louisiana and Texas, August-December 1963-65 1/

Variety and period	Louisiana			Texas		
	1963	1964	1965	1963	1964	1965
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
	:	:	:	:	:	:
Bluebonnet 2/						
August	---	---	---	---	---	---
September	5.25	5.35	5.05	5.05	5.05	5.00
October	5.15	5.25	4.95	5.10	5.10	5.00
November	5.10	5.15	5.00	5.10	5.10	---
December	5.20	5.20	---	5.10	---	---
Average Aug.-Dec.	5.20	5.25	5.00	5.10	5.10	5.00
Annual average	5.25	5.25		5.15	5.15	
Nato 3/						
August	4.80	4.45	4.40	4.60	4.55	4.50
September	4.70	4.60	4.35	4.45	4.55	4.40
October	4.75	4.70	4.50	4.50	4.55	4.50
November	4.65	4.60	4.65	4.60	4.60	---
December	4.70	---	4.80	4.60	---	---
Average Aug.-Dec.	4.75	4.60	4.55	4.55	4.55	4.45
Annual average	4.80	4.65		4.60	4.55	

1/ For No. 1, 2 and 3 grades. Average represents all grades since each grade sold at about the same price. 2/ Long-grain variety. 3/ Quoted as medium grain, mostly Nato.

Consumer and Marketing Service, Grain Division.

SOUTHERN ROUGH RICE RECEIPTS BY VARIETIES
1960-64 CROPS



1/ Arkrose, Magnolia, Patna, Rexoro, Southern Pearl, Toro, and Zenith.

2/ Arkrose, Magnolia, Patna, Rexoro, Toro, and Zenith.

3/ Century Patna, Magnolia, Nova, Patna, Rexoro, Roses, Southern Pearl, Toro, Vegold, and Zenith.

4/ Century Patna, Magnolia, Nova, Patna, Rexoro, Roses, Saturn, Southern Pearl, Toro, Vegold, and Zenith.

Table 12.-- Rough Rice: Receipts at mills and driers from Southern growers, 1960-64 crops 1/

State & Year	Belle	Bluebonnet	Century	Nato	Rexoro &	Roses	Toro	Other	Total
	Patna	2/	Patna	Patna	3/	Patna	4/		
--1,000 cwt.--									
<u>Arkansas</u>									
1960	-	6,378	381	5,548	-	193	-	104	12,604
1961	-	6,994	499	4,482	-	226	-	27	12,228
1962	40	7,729	617	6,294	-	333	-	29	15,042
1963	130	8,511	311	7,794	-	513	-	30	17,289
1964	109	8,094	77	7,148	-	227	-	753	16,408
<u>Louisiana</u>									
1960	-	5,067	5	5,410	424	44	1,082	571	12,603
1961	-	5,430	6	5,816	720	270	894	148	13,284
1962	258	5,171	-	8,687	447	736	797	21	16,117
1963	598	3,844	-	9,801	216	1,120	562	12	16,153
1964	975	2,920	21	11,403	26	1,027	454	45	16,871
<u>Mississippi</u>									
1960	-	987	61	105	-	5	-	5	1,163
1961	-	1,068	94	39	-	20	-	-	1,221
1962	12	1,194	81	30	-	9	4	-	1,330
1963	23	1,617	36	111	-	4	-	2	1,793
1964	20	1,520	23	89	-	-	-	8	1,660
<u>Texas</u>									
1960	-	4,917	3,348	2,195	1,428	671	-	17	12,576
1961	-	4,559	2,449	2,187	2,028	247	-	22	11,492
1962	3,877	4,392	991	5,201	1,382	161	-	-	16,004
1963	6,632	2,975	153	8,224	702	197	-	53	18,936
1964	10,163	974	43	5,686	144	105	-	108	17,223
<u>Total</u>									
1960	-	17,349	3,795	13,258	1,852	913	1,082	697	38,946
1961	-	18,051	3,048	12,524	2,748	763	894	197	38,225
1962	4,187	18,486	1,689	20,212	1,829	1,239	801	50	48,493
1963	7,383	16,947	500	25,930	918	1,834	562	97	54,171
1964	11,267	13,508	164	24,326	170	1,359	454	914	52,162

1/ Dry basis; dry weights based on actual "green" weights reported by rice driers and rice mills.

Data does not include all rough rice dried on farms. 2/ Includes Sunbonnet. 3/ Includes Arkrose, Gulf-rose, Northrose and other roses. 4/ Includes Magnolia, Nova, Saturn, Southern Pearl, Vegold, and Zenith.

Table 13.- Rice, milled: Inspections for export from the Southern U. S., by degree of milling, 1962-64

Year beginning August 1	Brown	Milled	Parboiled	Total
	Mil. cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.
1962	2,173	16,028	2,225	20,426
1963	2,544	19,971	3,106	25,621
1964	2,767	18,916	3,813	25,496

Table 14.- Rice: Acreage allotments, by States, 1960-66

State	Apportionment			
	1960 and 1961	1962	1963 and 1964	1965 and 1966
	Acres	Acres	Acres	Acres
Southern States:				
Missouri	4,767	5,244	5,245	5,245
Mississippi	46,674	51,343	51,354	51,354
Arkansas	399,012	438,920	439,019	439,019
Louisiana	475,008	522,517	522,635	522,635
Texas	422,313	464,552	464,657	464,657
Total Southern States	1,347,774	1,482,576	1,482,910	1,482,910
California	299,766	329,748	329,822	329,822
Total Major States	1,647,540	1,812,324	1,812,732	1,812,732
Minor States:				
Arizona	229	252	252	252
Florida	957	1,052	1,053	1,053
Illinois	20	22	22	22
North Carolina	38	42	42	42
South Carolina	2,846	3,131	3,132	3,132
Oklahoma	149	164	164	164
Tennessee	517	569	569	569
Total Minor States	4,756	5,232	5,234	5,234
Unapportioned National Reserve:	300	300	200	672
United States total	1,652,596	1,817,856	1,818,166	1,818,638

Agricultural Stabilization and Conservation Service.

Table 15.- Rice, milled: U. S. exports to specified countries, July-October 1964 and 1965, and annual 1963 and 1964 1/

Country of destination	Year beginning July		July-October	
	1963	1964	1964	1965
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Western Hemisphere:				
Canada	47.0	49.9	6.9	6.7
Mexico	2.0	4.0	.9	10.8
Nicaragua	9.6	4.2	2.0	4.9
Bahamas	4.9	4.2	1.3	1.4
Peru	37.6	33.4	.3	11.7
Jamaica	9.1	13.2	3.3	7.5
Dominican Republic	49.3	15.6	.2	6.7
Netherlands Antilles	4.7	5.8	2.3	1.9
Venezuela	2.7	2.0	2/	.6
Chile	6.5	7.0	1.7	1.6
Other countries	7.2	10.8	2.4	5.7
Total	180.6	150.1	21.3	59.5
Europe:				
Sweden	3.4	5.0	2.5	2.0
United Kingdom	41.6	36.7	8.8	12.3
Netherlands	38.8	11.2	3.4	4.7
Belgium-Luxembourg	14.4	10.0	2.6	1.7
Germany, West	42.8	39.2	10.6	10.2
Switzerland	8.8	8.3	2.9	2.7
France	3.7	5.5	1.5	1.6
Other countries	79.1	20.7	4.8	12.0
Total	232.6	136.6	37.1	47.2
Asia:				
Iraq	27.3	1.8	1.0	—
Israel	9.4	11.5	1.1	4.1
Kuwait	5.0	15.7	.8	8.2
Saudi Arabia	43.9	29.3	9.6	19.9
Aden	5.9	7.5	2.5	3.1
India	364.1	324.5	48.3	10.1
Vietnam	—	25.2	—	53.1
Japan	102.7	195.4	2.5	43.2
Philippines	21.1	86.1	53.8	35.1
Indonesia	91.3	2/	—	—
Nansei and Nanpo Islands	72.0	61.2	8.2	8.4
Other countries	4.7	21.7	1.4	1.5
Total	747.4	779.9	129.2	196.7
Oceania	8.1	11.2	2.7	2.9
Africa:				
South Africa, Republic of	57.5	54.9	14.3	25.6
Ghana	26.1	38.7	9.0	5.1
Liberia	34.0	34.8	13.9	15.1
Congo, Republic of	30.2	32.3	10.9	6.7
Other countries	103.8	57.5	16.4	11.2
Total	251.6	218.2	64.5	63.7
Grand total	1,420.3	1,296.0	254.8	370.0

1/ Includes small quantity of rough rice in milled equivalent.

2/ Less than 50 tons.

Table 16.- Rice, rough and milled: U. S. Exports by country of destination, August-July years, 1960-64

Country of destination	1960-61	1961-62	1962-63	1963-64	1964-65
	Cwt.	Cwt.	Cwt.	Cwt.	Cwt.
<u>Rough Rice</u>					
Canada	44,970	2,071	9,039	2,125	2,925
Colombia	2,115	7,647	52	---	4,840
Costa Rica	7,421	4,950	100	825	---
Cuba	214,067	---	---	---	---
Haiti	500	1,010	---	---	2,793
Mexico	16,758	1,960	33,530	4,243	9,785
Nicaragua	500	1,125	500	1,230	2,660
Panama	5,410	1,754	2,395	1,250	1,000
Venezuela	84,532	57,513	94,751	90,253	58,200
Other	2,584	690	2,802	4,696	43,463
Total rough	378,857	78,720	143,169	104,622	125,666
<u>Milled Rice</u>					
<u>Western Hemisphere</u>					
Bahamas	70,775	72,250	84,464	109,781	92,630
Barbados	---	74	5,438	1,412	2,196
Bermuda	4,548	4,644	5,588	5,806	5,719
British Honduras	10,105	34,308	40,000	42,576	15,112
Canada	203,964	670,001	951,364	1,009,189	1,093,025
Chile	126,033	130,898	171,592	152,092	165,403
Colombia	216,821	7,015	7,427	11,981	12,770
Costa Rica	3,470	2,280	1,965	1,213	52,375
Cuba	77,227	---	---	---	---
Dominican Republic	---	---	758,789	1,047,282	490,344
Ecuador	---	---	---	100	121,253
El Salvador	100	7,936	39,980	40,000	15,155
French West Indies	11,337	9,521	3,814	4,040	18,534
Guatemala	2,139	3,314	3,835	3,445	4,332
Haiti	498	840	45,016	1,022	651
Jamaica	47,971	81,201	146,280	208,779	311,075
Leeward & Winward Islands	1,270	2,762	6,707	1,242	3,259
Mexico	166,412	37,272	34,142	44,203	164,750
Netherlands Antilles	109,951	90,598	90,716	105,941	137,956
Nicaragua	11,557	87,137	55,877	203,098	128,723
Panama	22,069	5,813	3,555	4,513	17,080
Peru	17,368	32,665	16,805	827,600	716,504
Trinidad & Tobago	2,307	---	114,457	2,935	1,314
Venezuela	12,209	26,220	11,511	905	1,467
Other	56,560	67,519	9,291	2,559	1,282
Subtotal	1,174,691	1,374,268	2,608,613	3,831,714	3,572,909
<u>Europe</u>					
Austria	3,992	3,150	3,515	6,397	12,289
Belgium & Luxembourg	228,587	235,825	311,546	346,636	193,003
Cyprus	---	362	973	1,592	2,547
Denmark	15,896	16,414	27,004	34,416	62,772
France	109	58,132	71,413	10,782	124,977
Finland	---	900	3,511	11,281	22,110
Greece	14,749	32,539	51,457	53,828	73,293
Iceland	3,625	9,050	6,273	7,634	7,327
Ireland	8,306	6,832	18,044	18,257	30,968
Netherlands	660,328	544,269	334,100	799,855	259,823
Norway	11,783	13,308	16,155	2,982	2,904
Poland	---	---	---	330,286	226,240
Portugal	---	---	170,679	72,978	212,461
Sweden	65,480	59,271	58,467	87,824	107,772
Switzerland	56,680	75,832	133,305	195,353	179,809
United Kingdom	566,953	911,730	966,270	934,848	824,260
USSR	---	---	---	1,203,921	---
West Germany	1,044,109	1,993,395	1,192,257	1,001,735	959,151
Other	230,370	448,700	7,479	1,161	22,639
Subtotal	2,910,967	4,409,709	3,372,448	5,121,766	3,324,345

Continued

Table 16.- Rice, rough and milled: U. S. exports by country of destination, August-July years, 1960-64--Continued

Country of destination	1960-61	1961-62	1962-63	1963-64	1964-65
	Cwt.	Cwt.	Cwt.	Cwt.	Cwt.
<u>Asia</u>					
Aden	45,023	22,464	131,800	132,811	160,163
Arabia Peninsula States	5,770	11,864	3,496	2,812	5,410
Bahrain	2,450	11,532	8,066	5,347	1,792
Hong Kong	87	84,607	1,619	7,957	3,976
India	5,542,643	3,175,019	6,201,234	7,800,885	7,376,538
Indonesia	2,677,283	3,555,428	5,608,064	1,777,872	550
Iran	300	6,341	2,970	14,662	2,600
Iraq	54,975	660,640	70,794	601,940	39,388
Israel	144,667	119,876	191,051	190,249	277,498
Japan	2,024	800	30,755	2,318,280	4,888,803
Jordon	7,146	933	568	4,086	10,351
Kuwait	75,527	336,471	94,702	94,746	408,093
Lebanon	65,564	4,367	8,225	12,694	26,600
Malaysia	94,022	169,582	96,212	2,312	3,411
Nansei & Nanpo Islands	326,020	610,528	1,520,820	1,408,768	1,525,060
Pakistan	2,850,364	---	154	2,500	3,017
Philippines	---	113	238	549,703	1,813,383
Saudi Arabia	130,354	348,898	585,260	957,912	678,727
Singapore	127,676	47,033	4,570	32	---
Syrian Arab Republic	150	266,792	512	---	416,873
Viet-Nam	75	1,025,532	---	---	988,130
Other	261	100	2,671	105	630
Subtotal	12,152,381	10,458,920	14,563,781	15,891,673	18,630,993
<u>Oceania</u>					
Australia	9,964	17,951	14,526	26,834	28,794
Br. West Pacific Islands	---	14,560	65,353	73,975	106,921
Fr. Pacific Islands	---	18,806	24,209	23,702	1,917
New Zealand	20,215	17,434	17,342	23,846	34,647
Trust Terr. of Pacific	38,923	26,876	17,981	46,998	60,290
Subtotal	69,102	95,627	139,411	195,355	232,569
<u>Africa</u>					
Angola	2,061	---	13,273	661	21,223
Br. East Africa	38,580	21,244	53,884	19,492	254
Br. West Africa	11,567	1,543	12,844	8,813	96
Cameroon	2,245	10,698	28,584	24,731	61,157
Congo	262,230	675,706	736,841	283,768	613,598
French Somaliland	5,402	---	3,028	4,335	13,079
Ghana	703,052	1,287,036	683,716	590,094	854,217
Guinea	---	---	---	931,672	220,214
Ivory Coast	---	---	---	396,943	458,423
Kenya	---	---	---	1,735	10,037
Liberia	473,141	615,986	780,787	687,962	788,857
Nigeria	28,670	28,396	25,229	28,992	44,774
O.W.A.F.	131,087	983,302	947,611	20,134	25,537
Rep. of So. Africa	983,342	804,376	1,072,551	1,253,916	1,321,108
Senegal	---	---	---	522,318	---
Sierra Leone	---	---	---	4,241	124,411
Tanzania	---	---	---	26,365	45,195
Tunisia	114,670	50,706	50,129	---	---
U.A.R. (Egypt)	17,302	2,085	3,220	2,402	2,131
Uganda	---	---	---	7,300	29,879
W. Portuguese Africa	---	---	67,830	101,823	50,742
Zambia	1,192	2,130	13,515	27,797	17,499
Other	24,876	13,104	12,977	34,413	25,399
Subtotal	2,799,717	4,496,312	4,506,019	4,979,907	4,727,830
Section 416 Donations 1/	1,535,870	1/	1/	1/	1/
Total milled 2/	20,642,728	20,834,836	25,190,272	30,020,415	30,488,646
Grand total, milled basis 2/	20,911,531	20,891,244	25,292,200	30,095,737	30,579,018

1/ Donations of 25,712 cwt. in 1961-62, 18,530 cwt. in 1962-63, 18,611 cwt. in 1963-64 and 52,394 cwt. in 1964-65 are included in breakdown by countries. 2/ No adjustment of brown and parboiled rice has been made; treated as milled rice.

Bureau of the Census; adapted from table published in Rice, Annual Market Summary 1965, Consumer Marketing Service.

Table 17.- Rice, milled: U. S. exports by type of sale,
year beginning July, 1954-64

Year beginning July	For dollars	Under Government Programs			Total exports
		For foreign currency	Barter	Other programs	
		Mil. cwt.	Mil. cwt.	Mil. cwt.	
1954		8.7	0.2	1/	9.1
1955		6.0	3.4	.2	12.4
1956		5.6	18.0	.6	27.1
1957		5.9	5.1	1/	12.1
1958		7.5	3.9	2.0	14.3
1959		8.0	9.9	.8	20.7
1960		7.2	11.9	.3	21.5
1961		11.2	8.2	---	20.4
1962		10.4	12.7	---	24.2
1963 2/		15.9	13.6	---	31.2
1964 2/		16.0	11.2	---	28.5

1/ Less than .05 million cwt.

2/ Preliminary.

Foreign Agricultural Service, Grain Division.

Table 18.- Rice, milled: U. S. exports under Title I of P.L. 480 (for foreign currency), by country of destination, 1959-64

Country of destination	Year beginning July					
	1959	1960	1961	1962	1963	1964
	Mil. cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.	Mil. cwt.
Argentina	60	---	---	---	---	---
Bolivia	---	---	61	---	---	---
Ceylon	904	---	---	---	---	---
Congo	---	---	272	309	661	698
Egypt	934	---	---	---	---	---
Guinea	---	---	280	538	919	347
Iceland	6	4	7	4	4	3
India	3,776	6,006	3,048	5,975	8,027	7,216
Indonesia	3,278	2,677	3,318	5,608	1,958	---
Israel	110	108	86	152	108	76
Ivory Coast	---	---	---	---	234	222
Pakistan	320	2,850	---	---	---	---
Peru	485	---	---	---	558	---
Philippines	---	---	---	---	404	2,068
Poland	---	---	---	110	238	---
Senegal	---	---	---	---	523	---
Syria	---	---	255	---	---	---
Turkey	---	228	---	---	---	---
Vietnam	---	---	919	---	---	557
Total	9,873	11,873	8,246	12,696	13,634	11,187

1/ Preliminary.

Foreign Agricultural Service, Grain Division.

Table 19.- Rice: Production in major producing countries and world, average 1955-59, annual 1961-65

Country and continent	Average	1961-62	1962-63	1963-64	1964-65	1965-66
	1955-59	1961-62		1963-64		1/
	Mil. met. tons					
United States	2.2	2.5	3.0	3.2	3.3	3.5
Total North America	3.1	3.5	4.0	4.1	4.3	4.4
Total EEC	.8	.8	.8	.7	.7	.7
Total Western Europe	1.5	1.5	1.4	1.3	1.3	1.2
Eastern Europe	.2	.1	.1	.2	.2	.2
U.S.S.R.	.2	.2	.3	.4	.5	.5
Burma	7.0	7.7	8.0	8.2	8.1	8.2
Cambodia	2.2	2.0	2.6	2.8	2.6	2.7
China, Taiwan	2.4	2.8	2.7	2.9	3.0	* ---
India	43.4	52.3	48.0	55.4	58.2	54.0
Indonesia	12.1	13.4	12.9	13.1	14.0	13.5
Japan	14.8	15.5	16.3	16.0	15.7	15.7
Korea, South	3.0	3.7	3.1	3.8	4.0	3.9
Pakistan	12.8	16.1	15.0	17.7	17.8	* ---
Philippines	3.5	3.9	4.0	3.8	4.0	4.0
Thailand	7.0	8.2	9.3	10.2	9.6	9.6
Vietnam, South	4.1	4.6	5.2	5.0	5.0	4.7
Total Asia excluding communist areas 2/	117.6	136.3	132.7	145.2	148.2	143.4
Egypt	1.4	1.1	2.0	2.2	2.0	2.3
Malagasy Republic	1.1	1.3	1.3	1.3	1.3	1.3
Total Africa	4.6	4.3	5.0	5.0	5.0	6.1
Brazil	4.1	5.6	5.5	5.8	6.3	* ---
Colombia	.4	.4	.6	.6	.6	.7
Total South America	5.5	7.3	7.6	7.6	8.3	8.1
Oceania	.1	.2	.2	.2	.2	.2
World total excluding communist countries	132.8	153.4	151.9	164.8	168.9	164.3

1/ Preliminary. 2/ The FAO of the United Nations reports that Mainland China may have produced about 80 million tons in 1963.

*Firm estimates not available.

Foreign Agriculture Service, Grain and Feed Division.

Table 20.- Rice, milled equivalent: Imports into principal importing countries, average 1951-60, annual 1961-64

Importing country	Average	1961	1962	1963	1964
	1956-60	1961-62		1/	1/
	1,000 met. tons				
Ceylon	521.7	515.0	410.7	403.0	658.0
Hong Kong	339.3	393.5	426.7	412.0	409.8
India	531.2	405.1	402.6	509.8	632.8
Indonesia 2/	894.0	1,118.6	1,050.0	1,160.0	1,100.0
Japan	412.8	125.8	177.8	222.0	415.1
Malaya and Singapore	663.5	644.1	586.6	754.5	596.8
Sarawak	44.3	58.2	52.1	61.9	65.0
Pakistan	368.2	225.7	205.6	243.9	119.2
Philippine Republic	71.5	9.2	30.6	256.0	300.2
Near East 3/	288.4	373.5	403.1	323.5	320.0
Ruykyu Islands	66.6	77.1	75.0	4/ 78.0	4/ 80.0
Cuba	167.1	172.0	185.0	1/ 190.0	1/ 286.0
Belgium-Luxembourg	70.2	54.0	50.1	41.6	49.4
France	80.1	63.2	69.9	54.2	57.5
Germany, West	126.5	131.7	157.6	144.5	159.4
Netherlands	72.9	60.9	72.2	55.0	71.3
United Kingdom	87.2	102.0	119.6	112.6	108.8
Senegal-Sudan-Mauritania	95.0	109.8	118.1	105.0	190.2
Mauritius	59.3	67.3	68.3	69.7	68.0
Ghana	21.1	46.9	71.8	26.8	38.3
Other countries	1,695.7	1,271.4	1,431.1	1,591.0	1,615.0
World total	6,676.6	6,025.0	6,170.5	6,815.0	7,340.8

1/ Preliminary. 2/ Compiled from statistics of exporting countries. 3/ Includes Aden, Other Arabian Peninsula, Cyprus, Iran, Iraq, Israel, Jordan, Lebanon, Turkey and Syria. 4/ Based on incomplete data.

Foreign Agriculture Service, Grain and Feed Division.

Table 21.—Rice (rough): Acreage, Yield per acre, and production in specified countries,
average 1955-56/59-60, annual 1963-64 to 1965-66.^{1/}

Continent and country	Acreage			Yield per acre			Production		
	Average:	1963-64	1964-65	Average:	1963-64	1964-65	Average:	1963-64	1964-65
	1955-56 to 1959-60	2/ to 1959-60	2/ to 1959-60	1955-56 to 1959-60	2/ to 1959-60	2/ to 1959-60	1955-56 to 1960-61	2/ to 1960-61	2/ Nov. 2/ Est.*
North America:									
Mexico	285	334	329	300	1,854	1,954	1,836	1,911	239,600
United States	1,547	1,771	1,786	1,783	3,189	3,298	4,094	2,381	274,000
Costa Rica	112	134	42	—	835	966	—	422	3,316,400
El Salvador	27	37	42	—	1,751	1,830	2,095	—	3,449,300
Guatemala	28	32	—	—	1,141	1,414	1,469	—	29,400
Honduras	29	34	—	—	1,517	1,471	1,468	—	21,300
Nicaragua 3/	55	53	56	61	1,222	1,211	1,189	—	22,600
Panama	224	255	298	—	1,018	975	958	—	30,200
Cuba	—	—	—	—	1,720	—	—	—	129,500
Dominican Republic	314	—	—	—	—	—	—	—	129,500
Total North America	125	148	—	—	1,920	—	—	—	—
South America:	2,861	3,075	3,212	3,225	2,642	2,934	2,921	3,046	3,422,000
Argentina	138	133	142	—	2,956	3,150	4,156	—	185,000
Bolivia	53	79	70	—	1,338	1,411	1,474	—	190,000
Brazil 3/	6,527	9,940	9,200	—	1,370	1,290	1,417	—	32,200
British Guiana	166	200	311	—	1,912	1,529	1,371	—	4,057,300
Chile 2/	84	81	74	81	2,130	2,124	2,435	—	5,818,000
Colombia	485	628	742	320	1,636	1,931	1,773	1,788	6,300,000
Ecuador	268	259	210	—	1,226	1,298	1,266	—	144,000
Peru	175	203	188	—	3,451	3,431	3,235	—	175,000
Surinam	67	68	75	—	2,334	2,426	2,587	—	81,200
Uruguay	43	51	68	—	2,037	2,384	2,919	—	86,100
Venezuela	28	182	224	220	1,066	1,588	1,621	1,630	118,700
Total South America	8,113	11,862	11,928	11,857	1,459	1,416	1,520	1,502	5,479,400
Europe:									
France	66	73	74	74	3,766	3,545	3,589	3,426	113,400
Greece	39	47	61	55	3,395	3,387	4,078	4,289	59,400
Italy	347	284	276	4,666	4,381	4,598	4,393	734,400	564,300
Portugal	91	90	96	86	3,950	4,073	3,992	4,101	163,500
Spain	159	155	151	86	5,603	5,670	4,898	—	392,600
Total Western Europe	702	649	678	641	4,586	4,516	4,621	4,206	1,460,300
Bulgaria	35	29	—	—	2,974	3,217	—	47,2	42,200
Hungary	98	47	44	—	1,592	2,255	1,748	—	70,800
Romania	47	34	49	—	1,886	2,120	—	—	48,100
Yugoslavia	15	15	16	16	3,200	3,422	3,688	3,582	39,700
Total Eastern Europe	202	132	129	141	2,033	2,856	2,515	2,439	22,300
Total Europe	902	781	827	782	2,076	4,236	4,078	3,970	1,626,600
U.S.S.R. (Europe and Asia)	299	370	470	495	2,227	2,264	2,158	2,227	380,000
									500,000

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research and related information.

*Exclude revisions made since November 1965.

Table 22.- Rice, milled equivalent: Exports and reexports from principal world areas, average 1956-60, annual 1961-64

Country of origin	Calendar years				
	Average	1961	1962	1963	1964
	1956-60			1/	1/
Asia:					
Iran	3.4	0.2	0.4	70.0	70.0
Burma	1,694.8	1,591.3	1,748.2	1,713.2	1,539.7
Cambodia	191.1	237.4	130.1	374.5	475.0
Communist China 2/	1,154.2	350.0	563.0	660.0	720.0
Malaya and Singapore	96.7	73.3	106.4	142.6	42.8
Pakistan	45.9	123.9	155.8	102.4	156.0
Taiwan	124.3	65.0	42.1	119.4	127.5
Thailand	1,258.5	1,588.2	1,284.2	1,417.6	1,896.0
Vietnam	176.5	154.5	83.9	322.6	49.0
Other countries	171.1	121.9	183.7	88.4	108.0
Total	4,916.5	4,305.7	4,297.8	5,010.7	5,184.0
Western Hemisphere:					
United States	810.7	835.1	1,050.3	1,197.2	1,352.0
Argentina	18.8	10.8	12.1	3.1	.6
Brazil	32.7	150.8	43.7	---	12.4
British Guiana	44.0	91.7	80.2	85.3	82.0
Ecuador	23.8	21.0	5.2	34.0	30.6
Uruguay	12.5	20.3	24.5	13.6	25.8
Other countries	25.7	41.9	119.5	28.8	62.6
Total	968.2	1,171.6	1,335.5	1,362.0	1,566.0
Europe:					
Italy	192.4	217.7	180.0	147.2	63.6
Spain	61.8	92.8	46.3	41.9	66.0
Netherlands	29.9	24.7	25.6	18.7	18.1
Other Western	50.5	32.3	51.9	26.3	10.0
Total Western	334.6	367.5	303.8	234.1	157.7
Total Eastern	86.2	31.4	9.6	15.2	4/
Total Europe	420.8	398.9	313.4	249.3	4/
U.S.S.R. (Europe and Asia)	3/24.0	.6	11.8	4/	4/
Africa:					
Egypt	246.5	226.0	143.0	380.0	527.0
Malagasy Republic	33.8	25.1	49.7	27.5	27.6
Other countries	18.6	12.4	31.6	28.6	27.0
Total	298.9	263.5	224.3	436.1	581.6
Australia	45.8	72.2	76.5	63.6	88.3
World total	6,674.2	6,212.5	5,259.3	7,121.7*	7,577.6*

1/ Preliminary. 2/ Based on incomplete data of importing countries. 3/ Less than a 5-year average. 4/ Not available. *Excludes allowances for countries for which data are not available.

Foreign Agricultural Service, Grain Division.

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